

Joint Exhibition

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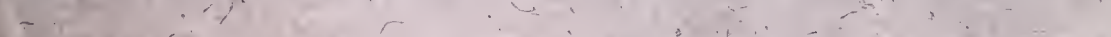
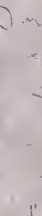
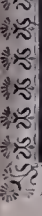
GERMAN BATHES AND SPRINGS.



World's Exhibition: Chicago 1893.



Guide of the groups
Dr. Schücking, Pyrmont.



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of the
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PREFACE.

The picture which our group of the German baths and wells shews at this exhibition, the most gigantic ever seen, will owe its success not in the first line to its dimensions, and yet it displays a picture before the mental eye of the looker-on the outlines of which in their stupendousness and the colours of which in their variegations, eclipse all works of human skill and art. Blue mountains in the background and quiet darkness of the forest, the rays of the rising- and setting-sun on the snow topped points of the Alpine mountains — and a phosphorescent sea, sun-blaze and shady coolness are the colours which the imagination of the visitor of our group has to put upon his pallet — and, by the assistance of our pictures and panoramas, make the round of the universe, though within narrow bounds, and walk with measured quickness from the rock to the sea, and from the sea to the well.

The great abundance in which on German soil baths and wells, watering places and health resorts, primeval and quite new, are crowded close to each other, so that our country assumes almost the appearance of one stupendous watering place, has, as a matter of course, given to Germany the lead in all that concerns bathing. And this rôle has been by no means unworthily played by the country of the baths and wells — which is amply proved by the numerous professional and popular balneal emanations of the press — and strikingly demonstrated by the extraordinary progress in the organisation and development of our balneal therapeutic places.

Only baths and wells of particular importance could get up the means for such an exhibition. On visiting our group, we find ourselves in distinguished company. Well-products and models, literature and pictures illustrate the arrangements which the stranger will admire in the principal German watering-places. The physicians of America will in the first line pursue with interest the progress which we have made in this special branch of science, and thus receive a new impetus to recommend their patients the visit of these sanative places. That our countrymen over there will warmly espouse our cause may be taken for granted. On the other hand will those of the 35 millions who visit the exhibition, and who have made before the acquaintance of Germany and her splendid wells, be pleased to renew their acquaintance. As regards the druggists and chemists of America, among whom we distribute this pamphlet, it is to be expected that they will seize upon

the opportunity of noticing the character of the exhibited waters for export.

The balneal exhibition is situated close to the main entrance of the Agricultural Hall. The centre of the group is formed by a fountain with a statue of bronze, in front of which, and near the main entrance there are seats affording a comfortable opportunity for the inspection of the exhibited literature, show-cards, etc. At either side at the back the different baths will be found to be thus arranged as representing a both rich and attractive variety, so that, in spite of a uniform decoration, monotony and weariness have been happily avoided. The ground is covered with carpets, and the walls with photos, panoramas, and hangings. A large mirror in the background deepens the grouping, by giving the reflex of the most attractive decorative effects. Two splendid bronzes by Kauer & Eberlein, a group of plants, panoramas — one panorama of Norderney of 25 square metres demension — will, besides the many objects of interest which the different departments offer, and among which some most beautiful photos, interesting Roman antiquities, prove sufficiently attractive to visitors. The giving away of table-waters during the hot summer season, which will be done by a young lady well fitted for this post, will alone exercise a great attraction. The names of the exhibiting watering-places are as follows: **Baden-Baden, Bertrich, Birresborn, Driburg, Ems, Fachingen, Gerolstein, Hansa and Charlotte Well, Heligoland, Hitzacker, Homburg v. d. Höhe, Juliushall - Harzburg, Kreuznach, Kronthal, Langenschwalbach, Misdroy, Nauheim, Nenndorf, Norderney, Niederselters, Pyrmont, Schlangenbad, Soden am Taunus, Theodorshalle, Weilbach.**

Mr. Engel, Mining officer of the German Consulate, has taken care of our group for the time of the exhibition. Our Chicago representative is Dr. Weil, 1355 Diversey Str. In pharmaceutic questions we have been supported by the chemist Wiedel, 518, Avenue, Chicago. All three gentlemen will be found ready to give any information in their power.

The German Committee of our group, at whose meetings assisted not only the Imperial Commissioner, but also the Privy Councillor Semper of the Ministry of Agriculture, and Councillor of the Government Westphalen, of Wiesbaden, consists of Dr. Merbot, Secretary to the Chamber of Commerce, of Wiesbaden, Privy Councillor Dr. Fromm, Norderney, Dr. Willrich, Member of the Board of Health, Berka, Dr. Kaufmann, Frankfort o. M., and the undermentioned Manager of the group.

Pyrmont, in April 1893.

Dr. Schücking.

Bath Kreuznach.

Situated in the valley of the Nahe, close to the town of the same name (19 000 inhabitants) in the province of Rhenish Prussia, the bath is annually visited by about 6000 people for the re-establishment of their health, and a great multitude of tourists. Kreuznach is situated on the Rhine-Nahe Line, and reached by fast train within 15 minutes from the Rhine. There are two stations, viz: Town Kreuznach and Bath Kreuznach, at both of which there is a direct sale of tickets for all the principal stations of the interior and abroad, likewise dispatche of luggage.

The principal season runs from 1. May till 1. October, Cure by grapes from the middle of Septbr. Also Winter Season.

Situation of Kreuznach: 105 metres above the sea, in sheltered and healthy valley of the Nahe. There is an extensive and important cultivation of vine, and but little industry. The water pipes contain superior sweet water from a mountain spring. The climate is warm, serene and dry. The evenings in the summer are almost without an exception warm enough to permit even sick persons to enjoy the important stay in the open air till it is necessary to go to bed:

Kreuznach offers the opportunity of a successful treatment of: scrofula with all its localisations in glands, skin, mucous membranes, joints; other chronic diseases of the bones and joints (consequences of injuries, dislocations, &c); rachitis; female-diseases (chronic inflammations and catarrhs, tumors); skin diseases (ring-worm and tumors); chronic catarrhs of the different mucous membranes of the nose and throat; diseases of the ears and eyes; chronic rheumatism and gout; diseases of the urine organs; chronic specific complaints; heart diseases; obesity. Further, deficient development and chlorosis with children, nervous debility with grown up people.

Remedies. — There are five different springs for drinking, bathing and local application, viz: The Elizabeth-Spring, the Nahe-Spring, the Orange-Spring, the Karlshall-Spring, and the Theodorshall-Spring. All these springs contain chloride of sodium, chloride of lime, brome-, iodine-, and iron-combinations, but no sulphate (gypsum), and are consequently easily digestible and suitable for internal use. They differ in concentration and tem-

perature. For strenghtening the baths and likewise for local application the world famed Kreuznach mother-lie is used.

For the inhalation of brine reduced to dust and other remedies there is a special inhalation room in the Bath-house.

For the inhalation of the salt-work air so rich of ozone there is an inhalation room in the park and in the graduation works of the salines.

Of further remedies there may be mentioned: steam-baths, river- and swimming-baths, hydro-electric and douche baths, sanative gymnastics, scientific shampooing, riding on horseback, milk and whey, sterilized milk, kefir, different mineral waters, and splendid grapes in the autumn.

For the reception of visitors there are besides the Bath-house about hundred hotels and private bath-houses, surrounded by gardens and fitted with all possible comfort for bathing, which constitutes an advantage of which, to this extent, no other watering place can boast. The brine for bathing in these houses is supplied by direct pipes from the springs.

The hotels and bath-houses are so different in their appointments that they can answer the highest as well as most modest requirements. Even those whose means are but limited find good lodgings and board according to proper diet at very moderate prices. Children of any age, and without being accompanied by their guardians, are received and properly guarded in families and boarding-houses. For the reception of 150 poor children there is the "Victoria Home" under the patronage of Her Majesty The Empress Frederick.

For the entertainment of visitors there are offered: the rooms of the Assembly Hall (Terrace, concert- and Ball-room, dining- and richly decorated reading-rooms, park and ambulatory, drinking-hall, play-grounds (Lawn Tennis), daily 2—3 concerts by the town-band of 40 musicians under the management of Mr. Stoltz, Symphony and artist concerts, balls, theatrical performances, illuminations and fire-works, carriage corso-drives, regattas, boating, races, shooting galleries, riding on horse-back, hunting, fishing, &c.

Walks and excursions. — An excellent opportunity offered for such in the splendid, mountainous near and distant surroundings, which is also interesting as regards history and physical science.

Thus Kreuznach offers also to tourists and those visitors who require recreation a healthy and agreeable sojourn, and is likewise a favorite town to live in for retired people and pensioners.

The Managers will always be found ready to give all further information on inquiry.

Kronthaler,

Natural carbonic-acid mineral water, viz:

Kronthal Well and William Spring.

A first class table water. Awards obtained at all exhibitions. The annual sale of bottles amounts to several millions. Recommended by medical authorities for congestion and all kind of disorders of the system. Obviating remedy for epidemic diseases, like Cholera, dysentery, typhus, &c.

Indications, effects and application of the Kronthal mineral waters of Bath Kronthal in the Taunus, Nassau: The Kronthal mineral water is, according to its chemical composition, to be ranked with the alkaline muriatic chalybeate kind of springs, and in consequence of containing much more common-salt than any other European chalybeate water, and further containing carbonic-acid of magnesia, chloride of magnesia, chloride of potassium and an important portion of natural carbonic-acid deserves an eminent rank among those remedies intended to bring about a health-strengthening influence in the following cases of diseases.

We must first of all point to the testimonials of all eminent medical authorities, reproduced in our general prospectus, as an unmistakable proof of the splendid and sure effect of the Kronthal water not being reached by any other water, particularly in cases of bronchial catarrhs and catarrhs of the stomach. The Royal University Professor Dr. von Buhl, Munich, says in his testimonial, with reference to his experience, that it deserves to be preferred in all such cases where Seltzer and Emser Waters are applied.

The Kronthal water, according to Dr. Büchner, Darmstadt, acts, while easily dissolving, upon the mucous membranes of the digestive, respiratory-, and secreting-organs in an animating way, stimulating the appetite, regulating the digestion like no other mineral water in cases where the stomach has been disturbed by catarrhs, so that the whole change of substance is facilitated by the use of the water.

Since the 1. April last an Institute for young German- and Foreign-Ladies (The "Victoria" Ladies Institute) has been established in the late Assembly House, which, under the protectorate of Her Imperial Majesty the Empress Frederick, has been removed from Coblenz, by her special desire, so as to have the same quite close to her castle "Friedrichshof" near Kronberg in Taunus. The Institute is under the management of Miss von Griesheim, and enjoys an excellent reputation and a great attendance.

Among the natural carbonic-acid mineral springs of the Rhenish districts the

“Hansa Bubble”

of Gerolstein (Rhenish Province) ranks first, because of its prominent properties in a dietetic and hygienic respect.

The Hansa Bubble, bored in 1889 at Gerolstein, in the Eifel district, by the proprietor, Johannes Bouché, Berlin, is a natural mineral water with exclusively proper carbonic-acid, and tasty table-water, because of its natural alkalies.

The Hansa Bubble is one of the most powerful springs, and yields daily over 200,000 liters water.

The Hansa Bubble, which, as proved by photographs, rose up to a height of 16 metres before being set, contains, according to Professor Dr. Stutzer, of Bonn, 426,215 liters liberated carbonic acid within 100 liters water, weighing, in addition to the carbonic-acid bound up with the water, 1152 gr.

The Hansa Bubble, contains thus exclusively proper, natural, and no extraneous or artificial carbonic-acid.

The Hansa Bubble has been chemically and microscopically analysed, and answers all requirements which in a hygienic respect may be demanded of a natural mineral water.

The Hansa Bubble has further this particular advantage of most other mineral springs that, owing to the most careful proceedings with respect to the act of setting, the influence of water from above is entirely obviated, so that an absolutely pure fountain-water can be obtained from a depth of 80 metres.

The Hansa Bubble, in consequence of its contents of bicarbonate of soda, chloride of sodium, carbonic-acid of magnesia, and though but minimal quantity of lithion, acts, if drunk as a dietetic water, in a particularly agreeable way upon the digestive organs, and regulates the same according to medical prescription to a noticeable degree.

The Hansa Bubble has done splendid service in cases of influenza, and diseases of the throat, in consequence of which it is frequently recommended by medical men. Particular attention is drawn to its efficacy if mixed with hot milk.

The Hansa Bubble when sent for the first time to an exhibition, viz, to Mülheim on the Rhine, was awarded the Gold Medal.

Prospectuses with quotation of prices to be had on the exhibition grounds.

Hansa and Charlotte Springs, of Gerolstein (Germany).

J. Bouché.

The Royal Prussian Watering-Place **Nenndorf**

is founded 1787 and in the possession of the Prussian government since 1866, it is situated in the province Hessen-Nassau not far from Hannover, on the slope of the »Deister« Mountains.

The watering-place is celebrated for its charming environs, its pure and refreshing air and its very agreeable climatic conditions.

The mean temperature is $8,75^{\circ}$, the mean temperature of the summer months is $16-17,5^{\circ}$ C., the mean height of the barometer is 756 mm. The place has an altitude of 72 m above sea-level.

Nenndorf is a station on the branch-railway Haste-Weetzen and it is to reach by the railway Hannover-Altenbeken as well as by the line Cöln-Minden.

For amusements during the stay in the watering-place is cared for in the best manner and in every respect.

Five royal lodging-houses, two hotels, also a great number of private lodgings offer comfortable residences at any price.

The bath is particularly rich in natural remedies.

There is except the sulphur spring, the strongest of this kind in Germany, excellent sole.

The sulphur spring which is used for drinking and bathing cures serves also for inhalations and has very blissful effect.

All establishments are exemplary, especially the »Schlamm-bad« originally the oldest in Germany, lately new erected which can be called the best of this kind.

The healing effects of Bath Nenndorf are very extensive and Gout, rheumatism in all forms, cutaneous and infectious diseases, pulmonary complaints, neuralgie, scrofulous etc. find curing, and if not in every case the pains are soothed.

The management of the bath is placed under royal administration which is ready at any time to give every information which may be desired concerning the bath.

Warranty of moderated prices and full free cure is granted manifold and humanitarian purposes are accounted for in an extensive manner.

Cure-Establishment „Weinberg“, Hitzacker, Province-Hannover.

Weinberg is the finest and most interesting point between Berlin, Hamburg, Hannover, Lübeck and Magdeburg and it is to reach from every of this 5 towns in 2—3 hours.

Situation. The cure-establishment at the Weinberg is situated 700 feet above sea level. The town Hitzacker in the plain east of Weinberg, the Elbe and Jeetzel which flow length the foot of this mountain with its active navigation and the flat marsh-land offer a beautiful view to the visitors of this cure-establishment. The high »Theaterberg« adjacent to Weinberg gives protection against rough north and east winds and the rich woods of leafbearing trees and pine woods extending along the banks of the Elbe in a height of 500 feet above sea-level make this cure-establishment to a sanitary establishment of first class in consequence of its position.

Lodgings. The administration of the cure-establishment has a great number of rooms at the price of Mk. 1—2 a day with excellent beds and furnished with every modern comfort at his disposal.

Springs. Rich chalybeate-springs as well as alkaline-saline-springs in connection with milk and whey establishments serve on one side as remedies for very poor and chlorotic persons and on the other side for persons who are afflicted with catarrhal affections. The excellent effect of these springs is proved by the testimony of many authorities.

Bathes. There are except chalybeate and electrical bathes, mineral bathes of every kind. The establishments of the bath belong to the newest, best and most comfortable of the modern time.

Physicians. The physicians of this cure-establishment are the royal district physician. Dr. Meyer and Dr. med. Haupt.

Administration. The administration of the cure-establishment takes always pains to make the stay to the visitors useful and agreeable in every direction.

Amusements. Regular cure music, twice a day of an own well organized band, particular concerts, réunions, theatre, wood feasts, excursions by ship or carriage are the principal pleasures of the visitors of this cure-establishment.

Cure-tax. The prices are: for 1 person Mk. 2.— during the stay of a week, for every other person of the same family Mk. 1.—. During the stay of more than a week for 1 person Mk. 8.—, for every other person of the same family Mk. 6.—. Children of an age from 3—12 years Mk. 2.50 per child. Children under 3 years of age and servants are free. Physicians and relatives of them are also free from the cure-tax.

For the sake of free places one applies in good time to the administration.

Post and telegraph-offices are in the place.

Foregoing announcements receives the administration which send out prospects gratis and free of postage.

The sending out of the waters, as well as the products there out to the inland and to the foreign countries is a very active and amounted already in the last year to 500.000 bottles. Price-lists for this to have also by the administration of the cure-establishment.

Bad Langenschwalbach.

Situation. Bad Langenschwalbach capital town of the Circle »Untertaunus« is situated on the northern slope of the Taunus Mountains at an altitude of 315 metres above the level of the sea. Its springs lie in two valleys stretching towards east and west, which are separated by a mountain ridge. These valleys are protected by wooded hills and surrounded by shady woods of pine- and beech-trees.

Climate. The climate of Langenschwalbach is invigorating but not at all severe.

The mean annual temperature is $7,20^{\circ}$ C., the mean temperature during the summer months is $14,5^{\circ}$ C. The mean atmospheric pressure is 727,5 mm.

The Remedies. Langenschwalbach possesses 8 mineral springs of which the Stahlbrunnen and Weinbrunnen are principally internally used. The water of all sources is used for bathes—the »Schwarz« warming system is adopted in all.

One thousand parts of the water contains according to Fresenius:

	Bicarbonate of Protoxyde of Iron	Free Carbonic-Acid in the ccm.
Stahlbrunnen . . .	0,083770	1571
Weinbrunnen . . .	0,057801	1427,4

Peat-Bathes. Very extended strat of amoor have been found near the Weinbrunnen.

The physical properties as well as the chemical analyses show that all those substances are present in it, which may be regarded as therapeutic agents in peat-baths.

Diseases. The healing waters of Schwalbach springs are scarcely, if at all, equalled by any others indicated for Chlorosis and Poverty of blood or in most of those maladies which originate in or are connected with them; in nervous affections; in women's diseases; muscular weakness; affections of the mucous membranes

(especially in genital catarrh) and in some affections of the urinary organs.

Administration. The administration has been committed to the town officials, the management of the Springs and Bathing-Establishment is placed under the control of a Royal Inspector who is ready at any time to give any information which may be desired. The superintendence of the Cur-police is placed in the hands of a Royal Commissioner.

Amusements. Amusements centre is the Kur-Haus, where there is a Reading-Room, well supplied with home and foreign news-papers, Concerts, Balls etc. Card-Rooms, Dining and Luncheon-Rooms.

Kur-Tax. A Kur-Tax of 10 Marks a head is levied. Children under six years of age and servants are exempt from the Tax.

Water-Export. The Schwalbach water is not only sent to almost all countries of Europe, but even to other parts of the world 100 bottles: 33 Marks, 100 $\frac{1}{2}$ -bottles: 27 Marks.

Communication. Langenschwalbach is connected with Wiesbaden and Zollhaus (station of the line Berlin-Metz) by railway. Direct as well as return tickets are to be had at all the larger home and foreign stations.

Season. The season opens on the 1st of May and lasts till the 15th of October.

Norderney.

The royal Prussian sea-bath Norderney is situated on the same named island which belongs to the province Hannover and which is $1\frac{3}{4}$ hours long and $\frac{1}{4}$ hour wide (it had in the last years 19000 visitors). The island is celebrated by mild, medicinal air, by wide, level strand with electric light in the evening, by excellent establishments for cold and warm sea-bathes, by good hotels and private-houses fitted with wather-pipes.

There is the »Hospiz des Vereines für Kinderheilstätten« on the German coasts erected 1885 under the protectorate of the empress Friedrich with 280 beds. Daily service with Hamburg (10 hours), Geestemünde (5 hours), and Norddeich ($\frac{3}{4}$ hour) by steamers.

Weilbach,

in the government district Wiesbaden 135 m above sea-level is situated on the south slope of the »Taunus« in the middle of the Maine-plain on the ridge of a hill, very little rising. This situation secures the place the best ventilation by the highest stream of air which prevails continually. The beautiful park full of trees surrounding the cure-establishment grants protection against sun and wind.

The watering-place possesses two springs. The sulphur spring, the principal spring of this place belongs to the cold alkaline-sulphureous springs and contains in one liter of water according to the annalyse of Fresenius (1856) the following majority of elements:

sulphite of potash	0,038
chlorid natron	0,271
chlorid kali	0,027
bicarbonate of natron.	0,406
bicarbonate of lime	0,378
bicarbonate of magnesium	0,359

also small quantities of carbonic earth and phosphate earth in sum 1,504 firm elements. The substance of sulphurated hydrogen is 5,215 ccm in 1000 ccm water.

The spring is used for drinking cures, bathes and inhalations for which are made excellent arrangements in the new erected bath. There are inhalations by means of vapor or air and there is further a room for inhaling of sulphuric gas streaming out of the spring.

Indications. The waters are especially good for chronical catarrhs of the throat, of the larynx and of the trachea, particularly if they are in connection with stagnations of blood in the lower belly, for inflammation of the lungs and further for liver hyperainiosic, for hemorrhids, diseases of the bladder and for menstrualis-anomalos as far as they result of this cause, for cutaneous diseases especially pruritus and mercurialis.

The natron-lithion spring contains in one liter of water according to Fresenius the following majority of elements: chlorid natron 1,258, bicarbonate of natron 1,358, bicarbonate of lithion 0,009. further small quantities of carbonic acid and traces of sulphurated hydrogen. The spring is used as drinking-cure for nephritic and bladder diseases, further for chronical rheumatism and gout. Trinkung-cures also employed with success for chronical catarrhs of the mucous membranes and gouty conditions.

Schlangenbad,

the idyl of the Taunus Baths, is an old bath which has been resorted to since several centuries, and whose name points to the Esculapius serpents carried by the Romans to their medicinal springs. It is situated amidst the most charming woods, combines the attractions of virgin-nature with all the comforts of modern life, and is reached within an hour from Eltville Railway Station. Three large Royal Bath-houses, a splendid iron ambulatory, numerous pretty hotels and villas situated in the midst of a very well kept wood park, reading- and dancing-rooms, Tennis Grounds, etc., afford a very comfortable and entertaining sojourn. The air is pure and rich of ozone, the climate, of a medium mountainous order, exhilarating, invigorating and calming for the nerves.

The rich mineral springs are lukewarm, just suited for bathing, viz. 29—32.5 ° C., and appertain to the weak-alkaline natural baths. They are also famous for their smegmatic thermals because of their beneficial influence on the skin. According to an analysis made by Fresenius, the water contains 4.02 fixa on 10,000 grams fluid, consisting of principally hydro-chlorate and carbonate of soda, kali, calcium, lithion, magnesia, also brome and strontion, as well as silicic-acid, not to speak of traces of barytes, caesium, bore, iodine and rubidium. Of gases there is much nitrogen, a little oxygen, and but little carbonic-acid. The mild heat lightens the effect of the water, which is drunk for irritation of the mucous membrane, catarrhs of the stomach and gut, convulsive cough, biliousness, pains in the kidneys, and bladder complaints.

It is principally used for bathing, and filled into white Delft-ware tubs, these baths with the bluish crystal thermal water look just as attractive as they are salutary in effect. Their influence is peculiarly insinuating, soothing, and yet invigorating and animating.

The following are the main features of the effects:

- 1st The skin becomes more delicate, pure and more active, freed from thickened epidermis and dried up suet. The secretion of the skin and the mucous-membrane becomes animated, passive hyperaemia, stagnations, red spots, condensations, and tensions are removed; hence the splendid effect on disfiguring scars, impure complexion, rough and hard skin and numerous other skin complaints.
- 2nd In the vascular system an alleviation of excessive irritation and a regulation of the circulation sets in, so that agitations and palpitations of the heart become calmed, stagnations removed, and suetting resorbed.

3rd The nervous system becomes changed, pains and convulsions calmed, excitement and sleeplessness improved, and nervous debility will gradually disappear.

4th The change of substance and tissue becomes animated, the secretions of skin and mucous-membrane as well as the glands facilitated, inflamed swellings and the remnants of exsudations disappear, while an improvement in the blood-mixture and in the nutrition follows.

Thus the effects are thorough and sure, and work without any violent appearances, so that Professor Osaun remarked: "We have in Germany no bath that matches Schlangenbad in this respect".

The indications confirmed by long experience and splendid success are the following:

1th Morbid state of the skin, like: akne, erythema, prurigo, chronic ekzema, psoriasis, bad complexion, roughness and bad marks, so that Schlangenbad in Germany may in fact be styled a rejuvenating and embellishing bath.

2nd Morbid state of the nervous system, like all kinds of neurasthenie, attacks of vertigo, uneasiness, neuralgia of all kinds, local and general convulsions and paralysis.

3rd For female diseases, like: obstructed female development, ammenorrhoea, dysmenorrhoea, climactic disturbances, vaginism, hysterics, pruritus, vulvovaginitis, chron. pelvoperitonitis, metritis and salpingitis chron. pelvis exsudations after childbirth, etc., so that Schlangenbad has always enjoyed the reputation of a ladies' bath.

4th For gout and rheumatic diseases of the limbs and muscles, also rheumatic deposits on serous skin, particularly on the valves of the heart these baths are splendid, and particularly when there is at the same time an excitement of the vessels and an inclination to apoplexy. In such cases they are decidedly to be preferred to the warmer but also more dangerous springs.

5th For complaints of old age is Schlangenbad of a splendid influence, so that I may confine myself to the words of Hufeland, the old experienced practitioner, viz: »I do not know any bath so well suited for maintaining the characteristics of youth and for deferring old age as this one, and I know from experience that a regularly annual use of the same retains to old age the activity, the flexibility of the limbs and strength«. —

As an important addition it must be stated that Schlangenbad is also frequently visited as a country-retreat and forest-health-resort, to which it lends itself admirably, being situated in the midst of extensive woods with numerous promenades and spots where to take a rest and enjoy a view, while affording all the

comforts valued by visitors. It can also boast of the possession of a very good establishment for the use of whey, and further of different dairies which are of great importance to sick people. There is also an opportunity for gymnastics and scientific shampooing, etc. English is everywhere sufficiently known, so that foreign visitors will have no difficulty to make themselves understood. There will further be found chemists' Post- and Telegraph-offices, elegant carriages, and an ample opportunity for beautiful trips and pleasures of all kind.

Birresborn.

The water of the spring of Birresborn is not surpassed by any other mineral water concerning the organic purity, but it has been found absolutely pure in the opinion of the chemist Dr. Kaysser in Dortmund by an examination according to the method of the privy counselor Dr. Koch in Berlin.

In relation to its agreeable taste as table drink in connection with its hygienic effects it may not be attained by any other mineral spring of Germany.

Privy aulic counselor Prof. Dr. Fresenius in Wiesbaden says at the end of his analyse about the Birresborn water:

The water of Birresborn appears as an alkaline sorrel, rich on free carbonic acid, and very rich on bicarbonate of natron. The sorrel is celebrated by a relative high substance of bicarbonate of magnesium with considerable substance on chlorid of natron and with less substance on sulphate alkalies and carbonate of lime.

The water will find many friends and great sympathy, because of its refreshing and agreeable taste in the capacity of water of luxury as well as because of the kind and the quantity of the elements which are dissolved in it in the capacity of dietary middle and remedy.

Privy counselor Dr. Nöggerath in Bonn says in Nr. 39 of the »Ausland«, Stuttgart, September 1877:

It is deferent to the mineral spring of Birresborn, already of great value, lately the natural free and carbonic gas streaming out of the ground near the spring out of a so-named mofette and which is employed for the enrichment of the mineral water. As much it may be known the employing of a mofette in a mineral spring has been carried out in this case at first and indeed with the best success. Therefore Birresborn can be adduced in this relation as an unicum.

Dr. Bach, district physician in Prünn (gouvernement district Trier) says:

The use of the water of Birresborn gives appetite and cleans the body and the blood of sour, sharp, mucous, fat ingredients and therefore it is to recommend persons which lead a sitting profession, which eat very nourishing food or such persons which are fat and sanguineous as an exact prevent middle against maladies at the daily drinking.

In the 21 years of my medical operation I have dedicated great attention to the use of the mineral water of Birresborn and can assure that it has done me much good and that it has saved many other medicines to my patients.

Public Health in London says:

We doubt not to recommend to excellent water of Birresborn as the best mineral water which has been offered the public in England till now.

[Mineral Spring of Birresborn.

Proprietor and sale in bottles and stone bottles by **H. Lohr & Eylert**,
Düsseldorf and Birresborn (Eiffel).

Niederselters

is situated in the province Hesse-Nassau, government district Wiesbaden and is a station of the line Limburg-Frankfort.

There is the alkaline-muriatic mineral spring which has a world-wide reputation and which is known since the ninth century, the prototyp of the agreeable-tasting sorrels.

With the mineral water of Niederselters which is often called in the trade seltzer water is not to be confounded with the water of the springs bored in the latest time at Oberselters and at Selters near Weilburg on the Lahn.

The mineral water of Niederselters is celebrated by its prominent agreeable-taste, which is produced according to the analyse of Fresenius by the favourable proportion between bicarbonate of natron, chlorid natron and carbonic acid as well as by its excellent durability.

It is sent out over all the world at water of luxury and for medical objects.

Its indications are prooved by many medical authorities. The filling is done with particular care. The annual sending is ca. 4 millions $\frac{1}{1}$ and $\frac{1}{2}$ stone bottles and bottles. The water is to get in all mineral water and chemists shops.

Gerolsteiner Strudel.

Gerolstein, district Daun, Rhine-province (Eifel mountains).

It is known that good natural mineral water is recommended to all persons which can get it as the best and most national drink in times of a present or threatening epidemic. The presence of carbonic acid has even been regarded after newer researches as a destroyer of bacteria which is of great importance. Surely it must be confirmed in every case whether one has a real that is, a natural water which contains carbonic acid and which originates from a spring. In this direction the »Gerolsteiner Strudel« only lately introduced gains great importance. This spring water comes directly at filling with natural, proper, completely pure carbonic acid and it is all by itself an agreeable, mixed with wine or juice and sugar, a strong effervescent, very refreshing, clear as crystal table drink which has gained prizes in all exhibitions whereto it has been sent. By the physicians it is also recommended as an effective middle against acidity and as a good middle to forward the digestion.

Privy aulic counselor Prof. Dr. Fresenius, Wiesbaden, says in his opinion from 13th February 1891:

The examined water (Gerolsteiner Sprudel) was brightly clear and was saturated abundantly with carbonic acid. The taste was pure, refreshing, soft, sourly and very agreeable. This water belongs according to its composition to those mineral waters which are appreciated as table and luxury waters. It may be mentioned as a recommendation that the quantity of bicarbonate of iron oxydul is small and that the number of organic substances which are dissolved in it, is a very little one, as in the latter respect especially made examinations have proved.

Therefore »Gerolsteiner Strudel« is a water of seldom purity and because of its substance of natron salts and carbonates of alkaline earth as well as because of the carbonic acid remaining latent for a long time even in open bottles it is to mark as a drink which can be placed at the side of the best waters of this kind.

The Gerolsteiner Strudel is not only introduced in Berlin but also in all Germany, Belgium, Holland, Italy, South America, China, Japan etc., this being best proof for the excellency of the water.

The water is to buy in all larger druggist's and mineral water shops.

Watering-place „Ems“

is situated in the lower »Lahn« valley near Coblenz. This good situation grants the visitors with easiness the pleasure to see the magnificent landscape of the Middle-Rhine, Rudesheim to the seven hills and the landscape of the Lahn and Moselle valley. Ems is a fair town and has 65,000 inhabitants. There are healthy rooms well fitted up, sufficient for several thousands, as well as best support for the visitors of this watering-place.

A park well kept draws along the river in communication with shady promenades leading to mountains 3—4 hundred metres high, of which the one is to reach by the help of a railway in few minutes.

The sanitary conditions of Ems are without fault greatest cleanliness, best drinkable water and mild climate. It goes without saying that to amuse the visitors of this watering-place it has been cared for music, theatre etc.

The mineral springs of Ems which are used and which are in high respect a long time ago are alkaline-muriatic warm springs and contain as prevailing elements bicarbonate natron, chloric natron, carbonic acid and also many carbonates in few quantities among these bicarbonate lithion. Alkaline-muriatic warm springs are seldom in Germany only in Ems. They are used for drinking and bathing cures and for inhalations. There are besides these a milk-cure and a goats whey establishment. The waters of Ems are very digestible and not provoking.

The diseased states in which the springs of Ems show especially its salutary effects are bistly all chronical catarrhs of the throat and breast mucous membranes, rests of inflammation of the lungs and inflammation of the pleura, exsudate and the complaints which depend hereon. In the same manner the springs of Ems have a salutary effect on some catarrhs of the stomach, of the gall canals, of the small intestine, of the reins and some catarrhs of the bladder inclusively diabetes.

They are used for drinking and bathing cures serving for rheumatism and gout and the consequence of them, for some nervous complaints with swelled excitability, newrasthenie etc.

The springs of Ems which are under administration of government are: The »Kesselbrunnen«, the »Kränchen«, the »Fürst-« and the »Kaiser-Brunnen«. The waters of all are very durable and support the farthest sending which is done by the Royal administration in stone-bottles and bottles.

Of the salts are prepared the well known »Emser Pills« which have salutary effects in all states see above and which are send away from the Royal Administration of the watering-place Ems.

Watering-Place Driburg

on the »Teutoburgerwald«.

Watering-place Driburg is situated in the province Westfalen, in the kingdom Prussia 220 m above sea-level in a beautiful valley of the Teutoburgerwald and it is to reach directly by railway.

There are mountains and woods near the springs. The air is high of ozone and celebrated by its great softness. The manner of living is quiet and simple by sufficient opportunity for amusements, the environs are rich in natural beauties and historical interesting excursions, the support is good and praiseworthy.

The waters of the »Haupt, Herbst and Caspar-Heinrich« springs are used for drinking, the two first named belong to the best and eminentest of the earthy-alkaline chalybeate-springs while the latter is new, firstly since 1889 it is an analogen of the »Georg-Victor« spring in Wildungen and like this rich in carbonates and free carbonic acid.

The effects of this spring are often surprising in breast, stomach, kidneys and bladder complaints.

The »Freiherrlich von Sierstorpff-Cramm« administration gives willingly all informations.

Wichmann.

Bertrich in the „Uesbach“ Valley

(at the foot of the »Eifel Mountains«).

(The mild Karlsbad.)

Bertrich belongs to the group of alkaline-sulphurous springs.

Bertrich and Karlsbad in Bohemia are the sole representatives of the warm natron springs which contain neutral salts (natron warmth above 32° C.) in opposition to the cold natron springs (natron warmth under 15° C.) represented by Marienbad, Rohitsch, Sulz, Suls-Tarasps etc.

The both connected alkaline-saline thermae the »Garten« and »Trink« or »Berg« springs have a temperature of 32,9° C. They come from the »Grauwakenschiefer« and correspond also with the springs of Karlsbad in having the same elements but only in the strength of one third. Therefore Bertrich is rightly called »**The mild Karlsbad**«.

The »Trinkquelle« of Bertrich has the same effects as the springs of Karlsbad with the difference that it can be also employed by weaker natures and also in such cases where the latter are not practicable.

In consequence of which the physicians lately prefer Bertrich more and more to Karlsbad.

Particular indications:

1. Any diseases of the stomach, all forms of catarrh of the stomach, chronical catarrh of the intestines.
2. All forms of liver complaints, jaundice in consequence of catarrh of the gall canals, gall stones.
3. Diabetes mellitus,
4. Arthritis in combination with hypochondria and very great forming of fat.
5. Bathes are good especially for rheumatic affections.

Climate is mild. The watering-place is sheltered from north and east winds by high mountains. It was already known to the Romans and there are Roman rests. Information gives Mr. Klerings, hotel »Drei Reichskronen«.

The main place of amusements is the Conversation-House where there are a Reading Room well supplied with home and foreign newspapers, Concert and Ball Halls Dining, Luncheon and Billiard Rooms, bowling path, chase and trout fishery. Besides that a magnificent shady park and close to it beautiful promenades in forest about 27 kilometer long.

The price of the bathes is Mk. 0,50—1,20.

Season is from 15th April till 15th October. Physicians are Drs. Kaiser and Rieth.

Bertrich is to reach by Coblenz or Trier to the station Bullay on the Moselle from there by post or carriage.

Information gives the Royal Administration of the watering-place Bertrich.

Bath Homburg,

half an hours' distance from Frankfort o. M.

Homburg's medicinal springs are of a thorough efficacy in cases of abdominal disturbances, particularly of the stomach and the liver, gout, anaemia, etc.

The Emperor-William-Bath,

fitted with all possible comfort according to the latest improvements, contains carbonate and common salt baths (the former

after Schwarz's method), pine needle- and moor-baths, all kinds of douches, piscinae, inhalations of mineral waters reduced to dust for those suffering from diseases of the throat and chest.

Wheys prepared by a cow-keeper of Appenzell-goat-milk. All foreign mineral waters.

Orthopaedic institutes connected with electro-therapy. Scientific gymnastics and shampooing. Hydropathy.

Homburg is situated 180 meters above the sea on the well ventilated ridge of a hill, and has a medium temperature similar to that of Frankfort and Wiesbaden.

The air is extremely pure, rather dry, animating, fresh and unquiet in the summer, cool at night. Gardens and great park in the middle of the town. Forests close by and partly forming a continuation of the extensive pleasure grounds. Homburg is largely visited as a health-resort and is particularly to be recommended to convalescents and those suffering from nervous diseases.

Elegant Assembly-Hall with richly decorated reading-, drawing- and play-rooms. Terrace with beautiful view.

Splendid orchestra. — All entertainments of other large baths. — Perfect comfort in all hotels and lodging-houses. Boarding-houses. Possibility of living at any possible expenditure, according to requirements. Table d'hôte from Mk. 2.50 to Mk. 4.—; good restaurants; board required in most lodging-houses. Ambulatories. — Large conservatories. — Orangery. — Trips to the neighbouring Taunus with beautiful belvederes, affording views of the plains of the Maine and the Rhine.

The Assembly-Hall is open all the year round; concerts of the orchestra take place daily during the winter, alternating with theatrical performances, chamber-concerts, recitals, etc.; Continuation of the season for taking the waters in the well heated and covered gallery (160 feet long) of the Hall. — Preparatory- and other good schools. —

Being by rail only half an hour distant from Frankfort o. M. (in the summer 36 trains daily), there is a direct communication with all capitals of Europe. The mineral-waters are dispatched throughout the year.

Representatives for the U. S. A. for the waters and salts:

Meyer Brothers, Drug Company, Saint Louis Mo.

New York, 114 William Street, Kansas City (Mo), Dallas (Texas).

Fachingen on the Lahn,

government of Wiesbaden, has two springs, which, most carefully bottled, are dispatched by the managers of the works. These waters contain after Fresenius: 3,578, bicarbonate of soda, 0,625, bicarbonate of lime, 0,577, bicarbonate of magnesia, 0,005, bicarbonate of oxide of iron, 0,631, chloride of sodium, 1,780, liberated carbonic acid, on 1 Liter of water.

The mineral water is consequently very strong, and yet purely alkaline, containing much carbonic acid and at the same time possessing the greatest quantity of soda of all other German springs.

It is of a very agreeable and refreshing taste, easily digestible, and approved of in cases of diabetes, kidney complaints, catarrhs of the bladder, and different diseases of the stomach. It further dissolves uric-acid concretions of the pelvis of the kidneys and the bladder, and prevents new formations if constantly drunk. It commands a particular attention in cases of gout as it renders the uric-acid innocuous and disposes of the same in a compact condition.

The annually increasing sale proves the great medicinal value of the springs, which are particularly recommended to the notice of physicians.

North-Sea-Bath „Heligoland”.

Heligoland is in Europe perhaps the only watering place which, instead of being situated on the sea, is situated right in the sea, and has therefore, like a ship on the open sea, an unadulterated sea breeze, no matter in what direction the wind may be. Other advantages of this romantic rock-island are: absolute pureness and great dampness and ozone of the sea-breeze; mild and even climate: average temperature of the air of the last ten years: January 1,7, February 2,2, March 2,6, April 6,0, May 9,8, June 13,7, July 15,9, August 16,4, September 14,6, October 10,3, November 6,4, December 3,3⁰ C. In comparison with the continent there is in the summer but a low average temperature in Heligoland, while late in the autumn a very high average temperature, surpassing in October till December even that of Bozen, Meran and Montreux (See »The North-Sea Island Heligoland« by Dr. E. Lindemann, published by August Hirschwald Berlin). The bathing at the

beach of Heligoland is famous for powerful waves and the high contents of the salt, viz: 3 %.

The Bath-house, newly built (in the winter 1891/92) has an exceptionally large swimming basin that can be heated and has an arrangement for causing artificial waves, rooms for inhalations, scientific shampooing; Turkish and steam-baths fitted up with all comfort according to the latest improvements.

Dr. W. Kremser, Member of the Meteorological Institute, says in the »Annals of Hydrography and Maritime Meteorology« volumes V and VI, 1891, about the climate of Heligoland after an exhaustive description: »The Northsea Island Heligoland is within the German empire the first representative of the sea-climate. The yearly, monthly, and daily fluctuations in the temperature of the atmosphere are in Heligoland both in the medium and in the extreme slighter than in any other district of Germany. As regards the temperature the following relative indications will be found applicable: Autumn warm, winter mild, spring cold, summer cool. From November till January is Heligoland with respect to the middle of the day the warmest place in Germany, while in the summer the coolest (excepting the mountains). The change in the temperature is the slightest of the whole centre of Europe.

Everything has been done for the comfort and entertainment of visitors. A lift of the best construction facilitates a comfortable connexion between the lower and upper part of the rocky island, and thus renders the otherwise comfortable staircase useless.

The new Assembly Hall, completed in spring 1893, is situated right on the strand, and contains splendid concert-, reading-, drawing- and billiards-rooms. A gathering of visitors takes place twice a week in the large and richly decorated ball-room. Theatrical performances take place in the theatre during the season by a company of first rate artists, concerts by the orchestra several times every day.

As a commissary has been appointed to the bath for the season 1893, a guarantee is given that in future there will be no lack of taste and change in the pleasures arranged by the committee. A proper place will be granted to lawn-tennis players.

First rate opportunity for trips at sea, fishing and hunting. In August an illumination of the grottos and rocks will take place with bengal light, which, seen from the sea, affords a most fascinating sight. Of beautiful phenomena may be mentioned sunrise and phosphorescent sea.

Bath Nauheim,

in the Grand Duchy of Hesse, near Frankfort o. Maine, has an invigorating, tonic atmosphere. The magnificent, extensive park, enclosing all bathing- and other establishments and a large pond, 8 ha. in circumference, offers beautiful and shady walks and a cool sojourn even on oppressive summer days. Adjoining the park, there is a thick forest with huge oak-trees. Saline springs, particularly rich of liberated and semi-compact carbonic-acid for the preparation of baths, principally bubbling baths, which are a speciality of Bath Nauheim. For using the waters: Saline springs and an alkaline chalybeate spring. Inhalation of scattered brine. Scientific shampooing and Swedish medicinal gymnastics. Graduated air, rich of ozone.

Indications: Strumous diathesis, gout, rheumatism, diseases of the spinal-marrow, etc., particularly diseases of the heart.

Hotels, restaurants, and lodgings of a great number. Splendid band, theatre, balls, etc., Lawn-tennis Ground, pleasure-boats.

Trips in the immediate and distant neighbourhood. All bathing establishments are property of the state, and under the management of the grand-ducal bathing committee.

Harzburg Spring Company Asche & Co.

Purveyors to His Highness the Duke of Saxony-Coburg-Gotha,
and His Royal Highness the Duke of Edinburgh.

First prizes awarded at the Exhibitions in
Berlin 1885, London 1884, Barcelona 1888, Melbourne 1888, Hamburg 1889.

Juliushaller

Chalybeate Spring.

Bath Juliushall-Harzburg.

The proprietors of the bath Juliushall have the exclusive Charter under seal of the government for the manipulation of all salt treasures within the bounds of the whole brine district of Harzburg.

The old Herzogsquelle, when undertaken by the present owners, was in a sad condition, the whole pit- and driving-work delapidated and rotten. The private industry of the present

owners, who did all in their power to make a great work of the brine spring, has maintained the honour of the old Juliusbrunnen, so that the same now, after the building of a new solid pit, and the requisite canalisation for the drawing off of the wild waters, throws up the natural brine like Champagne from the pit of about 100 feet deep.

The Juliushall springs belong to the purest brine springs of Germany, and are, in respect to the abundance of Concrete components, far richer than the other known springs of this kind. Since, owing to the great progress of chemistry, the analytical examinations of mineral waters have proved the imponderable fluids to be the most important agent of mineral waters, it need hardly be mentioned that the brine bubbling from the depth bears in itself the principle of a vivid formation, which can never be found in the artificial, i. e, actually dead brine.

The pine-needle baths, which are prepared in Juliushall both pure and in connection with brine, have even attracted the attention of foreign investigators. The bath are not prepared of pine-extract, tannic-acid, &c., but through the seething of fresh pine-needles, (for which the Hartz Mountains are the European Centre) with or without brine.

For hydropathic purposes there are splendid shower and wave baths, and also the cabinets for brine baths are mostly fitted with douche and shower baths, besides which there is one cell fitted with the most different douches of the latest improvement.

Baden-Baden.

Whoever thinks of visiting Europe, will, no doubt, also take up Baden-Baden in his program, which beautiful watering-place has become world renowned by its matchless position, its alkaline natural-salt thermals, and its unsurpassable bathing arrangements. Whatever his expectations as to beauty of nature and elegance and comfort may be, they are sure to be not only realized, but even surpassed. — If he comes to Baden-Baden as a sick person seeking health, he will surely be inspired with the greatest confidence by the perfection and matchless arrangements of the Grand Ducal Baths "Frederick-Bath", and the newly opened "Empress Augusta Bath" which are open throughout the year. Most elegant tub-baths, Russian steam-baths, Roman-Irish baths, electric baths, so called wild-baths, swimming-bath, hydropathy, inhalation of mineral waters reduced to dust, all kinds of douches, &c., are to be found in these institutes, likewise Swedish-sanative

gymnastics, which have lately become so famous for alleviating and mostly healing all possible diseases. Besides these first class model-institutes there are in the town and its immediate vicinity a great number of private institutes which under the style of Sanatoriums, Clinical hospitals for women, institute for morphia-mania, pneumatic institute, &c., treat special diseases under successful management. In the Grand Ducal drinking hall there are not only the hot waters (of 44—69 ° C.) of the Baden thermals served, but also all waters of the important sanative springs. Close to the drinking hall is the place where milk and whey are served. The lithium springs of Baden have had the best effect on gout, gravel, rheumatism, and bladder-complaints. Besides these institutes for the promotion of health there are also to be mentioned those for entertainments, like the Assembly-Hall, the theatre, splendid race courses, lawn-tennis and croquet grounds. The Assembly-Hall contains beautiful concert-, ball-, and reading-rooms with a great selection of German and foreign papers, also a first class restaurant, all of which are open the whole year round. In the summer there are daily three concerts within and in front of the Assembly-Hall by a splendid orchestra of 52 musicians. There are besides taking place: military concerts, great concerts with the assistance of the most famous artists, symphony concerts, Italian nights, fireworks, &c., in the richest variety. Theatrical performances during the winter season, i. e. from October till May, of opera and drama of the Grand Ducal Court Theatre, of Carlsruhe, and in the summer of first rate artists from different German theatres. Those fond of fishing and hunting will find in Baden-Baden ample opportunity for sport. The rich needle and leave woods which are encircling and surrounding the town are far famed, and offer the best opportunity for charming walks and trips. The climate is exquisite. The middle annual temperature is + 8,97 ° C.

Saline and Brine-bath Theodorshalle and the Saline Karlshalle.

The salines Theodorshalle and Karlshalle, known for the Salines of Kreuznach, and property of the family of the Grand-Duke of Hesse, and under the management of the Grand-Ducal Saline Office of Theodorshalle. They are situated in the picturesque valley of the Nahe, between the watering places Kreuznach and Munster am Stein, both stations of the Rhine-Nahe Railway, and each 15 minutes distant from the salines. Neighbouring

woody mountains afford protection against inclement winds; the climate is mild. The Salines have 10 buildings for graduation of 2200 metres length, and partly provided with ambulatories and seats. The air is, in consequence of the evaporation of the brine, very refreshing and excellent by its great contents of oxygen, ozone, and scattered brine. Shady walks in the park; play grounds; beautiful alleys; walks to the neighbouring Kreuznach, and Munster am Stein; comfortable walks to the neighbouring mountains, particularly suited for taking the waters, and affording splendid prospects and a rich change. A countrylike calm makes the sojourn specially agreeable to those sufferers who require rest, while on the other hand the intercourse with Kreuznach and Munster am Stein, and trips to the valley of the Nahe and the neighbouring Rhine will afford an extensive diversion.

There is a new Assembly-house with fiscal bath, private lodgings fitted up with direct brine-pipes, all with the latest improvements, for the reception of visitors.

10 brine-wells with 10 bores of a depth of 15 to 200 metres are rich of chloride of sodium, chloride of lime, chloride of magnesium, chloride of potassium, chloride of lithium, bromide of magnesium, and other salts. The brine-well of Karlshalle supplies the baths of Kreuznach, save two of them, with the requisite brine for bathing. The particularly tasty water of some of the springs is used for drinking, that of the main-spring as much as necessary for the preparation of the baths given at Theodorshalle, and, along with the water of the other wells, for the production of common-salt and mother-lye. The coarse-grained common-salt produced is very popular because of its dissolubility and acrimony. The very concentrated solution of chloride of lithium, chloride of lime, chloride of potassium, bromide of magnesium, etc., left by the act of boiling, viz: the mother-lye, is the world famed Mother-lye of Kreuznach, justly celebrated because of its excellent sanative power. and, not to speak of local application, serves for strengthening the brine-baths prepared at Kreuznach and Theodorshalle, and is sold in fluid as well as boiled down condition by the Grand Ducal Saline Office of Theodorshalle as Mother-lye salt of Kreuznach (Bath-salt). Bottles, vessels, etc., only to be genuine if bearing the label with the seal of the Saline-Office.

The bath is of a particularly sanative power in cases of strumous-diathesis, diseases of the eyes, ears, bones, limbs, skin, chronic catarrhs of the larynx, bronchial, stomach and gut, rheumatism; more especially also in cases of female complaints.

Pyrmont.

Steel-, Brine-, and Iron-Moorbath.

Well known watering-place where not only the strongest and most easily digestible, pure iron-chalybeate springs, but also strong brine and pure common-salt-chalybeate springs are to be found. Steel-, brine- and moorbaths; the latter to be had not only in a private bathing establishment, existing since the last 20 years, but also in the princely moorbathing establishment, opened two years ago and answering even the highest requirements. Russian steam-bath, douches of all kinds, pine-needle- and other medicinal baths. Use of steel- and salt water. Foreign mineral-waters, Whey and milk from the she-ass, etc. Scientific shampooing. Medicinal gymnastics. Fattening treatment. Electric and special treatment. Protected situation between invariably changing mountainous scenery and far outstretched leave- and pine-woods. Pure atmosphere, rich of ozone. Splendid park with primeval alleys. The great diversity of remedies corresponds to the indications of cures to be obtained, viz: Chlorosis, poorness of blood, female descases, hysteria, neurasteny, neuralgia, strumous-diathesis, rheumatism, gout, chronic heart diseases. Chronic catarrhs of the stomach and gut. Kidney and bladder complaints. After-treatment. Morning-afternoon- and evening-concerts, theatre, balls, gatherings, races, free hunting and fishing. Reading- and concert-rooms. Season from 15. May till 1. October.

Bath Soden in the Taunus.

30 minutes from Frankfort o. M. — Season: April till October.

Country Town of 1600 inhabitants, 150 metres above the sea, on the southern slope of the Taunus, in the midst of the most beautiful mountainous scenery.

Climate: Mild and refreshing, owing to the protection of the abrupt rising of the ridge of the mountain. The woody valleys afford an agreeable coolness in the height of the summer, but the settlement of the day- and night-temperature is going on in a gradual way. The relative dampness fluctuates by 75 %.

The 24 springs are partly hot and cool, containing more or less carbonate and ironsalt of $\frac{1}{4}$ to $1\frac{1}{2}$ % Na. Cl. in the most diversified gradations. Of these the hot brine-bubble No. XXIV and the Major No. VII are only used for bathing. Of the drinkable waters the mild hot No. III as well as the milky No. I have

a solving effect upon the mucous membranes of the respiratory organs and the stomach; the Champagne No. XIX incites the appetite and the activity of the Kidneys. The stronger springs, viz: the William No. VI a, the sulphur No. VI b, and the meadow No. XVIII facilitate the digestion and the secretion of the gut; for sufferers from heart diseases the brine-spring No. IV is particularly suited.

Other remedies: Bath house with brine-baths, carbonic-acid thermal-brine-baths, and douches; roomy fountain-hall, rooms for gargling, inhalations, and medicinal gymnastics.

Indications: 1) diseases of the respiratory organs, like catarrhs of the nose, throat, and larynx: bronchial affections; bronchial-asthma and emphysema with damming-up catarrhs of the abdomen; pleuritic exsudations; all diseases following influenza; chronic inflammation of the lungs and ensuing phthisis. 2) diseases of the digestive organs: chronic affections of the stomach, habitual costiveness, piles, swelling of the liver. Some of the springs act upon the heart and vessels less exciting than those of Kissingen and Homburg. 3) Heart-diseases. 4) female-diseases. 5) General diseases; scrofula; reconvalescence from wearisome diseases; further gout and rheumatism.

Pleasures: Permanent Assembly-House with richly stocked reading rooms. Permanent Orchestra. Numerous trips to the romantic neighbourhood, and visits to the adjacent watering-places and large towns.

8 Hotels and over 100 villas with and without board, comfortably furnished and surrounded by rosaries.

Physicians (in alphabetical order) Dr. Fresenius, Dr. Haupt, Dr. Hughes, S.-R. Dr. Stöltzing, S.-R. Dr. O. Thilenius.

The Bathing Committee of the Bath Soden in Taunus.

Printed by
Böhm & Hillger
HAMBURG
Gerhofstrasse No. 1.